

# STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

## FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator: AMEREN ILLINOIS COMPANY</b>	Operator ID#: 32513
<b>Inspection Date(s): 10/1/2015</b>	Man Days: 1
<b>Inspection Unit: Hoopeston</b>	
<b>Location of Audit: Hoopeston</b>	
<b>Exit Meeting Contact:</b>	
<b>Inspection Type: Standard Inspection - Field Audit</b>	
<b>Pipeline Safety Representative(s): Charles Gribbins</b>	
<b>Company Representative to Receive Report: Michael Fuller</b>	
<b>Company Representative's Email Address: mfuller2@ameren.com</b>	

<b>Headquarters Address Information:</b>	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
<b>Official or Mayor's Name:</b>	Ron Pate Phone#: (217) 424-6518 Email:	
<b>Inspection Contact(s)</b>	<b>Title</b>	<b>Phone No.</b>
Robert Roth	Superintendent of Quality Assurance	(217) 778-0785

CUSTOMER METER & REGULATOR		Status
<b><u>Category Comment:</u></b>		
Staff did not conduct a review of customer meter locations in the Hoopeston Service Area during this inspections.		
[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	Not Checked
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	Not Checked
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	Not Checked
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	Not Checked
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Not Checked

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[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	Not Checked
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	Not Checked
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	Not Checked
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Not Checked
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Not Checked
<b>CATHODIC PROTECTION</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
<i>At the time of this inspection staff did not conduct a cathodic protection review of the pressure systems in the Hoopeston service area. Staff did inspect the piping at all regulating stations.</i>		
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Not Checked
[192.465(a)]	Were pipe to soil readings taken?	Not Checked
[192.465(b)]	Were rectifier installations inspected?	Not Checked
[192.465(a)]	Were isolated mains/services tested?	Not Checked
[192.465(c)]	Were critical/non critical bonds tested?	Not Checked
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Satisfactory
<b><u>General Comment:</u></b>		
<i>Staff verified that electrical isolation was provided by the use of insulated flanges at the regulating stations. No meter sets were inspected during this audit.</i>		
[192.467(c)]	Were casings installations tested for electrical isolation?	Not Checked
[192.479(a)]	Is the above ground piping coated or painted as required?	Satisfactory
<b><u>General Comment:</u></b>		
<i>All above ground piping was found to have been painted at the regulating stations.</i>		
[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
<b><u>General Comment:</u></b>		
<i>There was no corrosion or pitting on any of the above grade piping at the regulating stations.</i>		
<b>DAMAGE PREVENTION</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
<i>Staff did not inspect any excavation activities during this inspection.</i>		

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[192.614]	Does the operator have a valid notification of planned excavation activities?	<b>Not Checked</b>
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	<b>Not Checked</b>
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	<b>Not Checked</b>
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff inspected line markers at the regulating stations and several railroad crossings all the required information was found on the signs.</i>		
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	<b>Satisfactory</b>
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	<b>Satisfactory</b>
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	<b>Satisfactory</b>
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	<b>Satisfactory</b>
<b>PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)</b>		<b>Status</b>
<b><u>Category Comment:</u></b> <i>The following regulator stations were inspected:            Station ID 415001 East High School            Station ID 415014 6th &amp; Thompson            Station ID 415018 West side of Sixth Avenue 100 ft. North of Main Street on South side of the abandoned RR ROW.            Station ID 415015 Front and Honeywell            Station ID 415001 East of High School            Station ID 415012 4th and Maple</i>		
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff verified the inspection date by having the operator provide the following documents Pressure Control Station Inspection Form.</i>		

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[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The above ground stations are protected from damage by distance from the roadway, fencing and barricades.</i>		
[192.741(a),192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Staff did not review the telemetering at the time of inspection, these indications would be located in Springfield at Ameren Gas Control Center.</i>		
[192.743(a)]	Is overpressure protection provided on the pipeline downstream of the take point?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Staff did not verify the downstream piping to confirm overpressure protection at the time of this inspection.</i>		
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The support for the pressure regulation and over pressure devices was made of steel.</i>		
[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff inspected the pressure relief devices were equipped with a flapper device to prevent accumulation of water, ice, or snow at all locations.</i>		
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff checked the valves that are under the relief devices were locked or in a fenced station with at least a six foot fence with three strands of barbed wire at the top of the fence.</i>		
<b>VALVE MAINTENANCE</b>		<b>Status</b>
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff inspected the following fire valves that were associate with the regulator stations:</i> Valve T953 Valve D45 Valve E82 Valve D63 Valve D33		
<b>ODORIZATION OF GAS</b>		<b>Status</b>

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<b><u>Category Comment:</u></b>		
Staff did not conduct an Odor Intensity Level inspection during this field inspection. There was not any Odorization equipment at this location		
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	<b>Not Checked</b>
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	<b>Not Checked</b>
[192.625(f)]	Was the operator's equipment calibrated as required?	<b>Not Checked</b>
<b>TRANSMISSION</b>		<b>Status</b>
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
There was not any transmission valves located in the distribution system.		
[192.745(a)]	Were the valves inspected accessible?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
There was not any transmission valves located in the distribution system.		
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
Staff did not inspect any components or pipes for the required markings during this inspection.		
[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
Staff did not observe any blow down valves on the transmission lines.		
<b>MARKING OF MATERIAL</b>		<b>Status</b>
[192.63(a)]	Does the operator's components and pipe contain the required markings?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
Staff did not inspect any components or pipes for the required marking during this inspection.		
<b>OPERATOR QUALIFICATION</b>		<b>Status</b>
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		<b>No</b>
<b><u>General Comment:</u></b>		
Staff did not conduct any Operator Qualification Field inspections during this audit.		

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